

APPENDIX G
VARIANCE REPORTS



INTERNATIONAL
TECHNOLOGY
CORPORATION

Variance No: FILLAREAPARCEL233JAN01.VR3

Linked w/NC No: X

Date of Issue: 01/24/01

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Project Name: **Fort McClellan – CK09**

Project Number: 796886.01030300

-Variance Report -

I. Description: (by the person identifying the change)

Fill Area West of Iron Mountain Road and Range 19, Parcel 233(7)

The Final Site-Specific Field Sampling Plan (FSSFSP) proposed a geophysical survey to determine the location and extent of the fill area. The parcel reportedly covers approximately one acre, although the boundaries of the parcel are not clearly defined. The Engineering Evaluation \ Cost Analysis (EECA) Fill Area Definition Work Plan proposed four exploratory trenches to delineate the horizontal and vertical extent of the fill area. Based upon the results of the surface geophysical survey, only two exploratory trenches were dug at the fill area.

Identified by: Jeffrey Tarr, PG – IT Site Manager

Date: 11-03-00

II. Justification for Variance:

The FSSFSP proposed four exploratory trenches to determine the extent of the fill area. Geophysical data analysis indicated that the site contains neither buried metal nor evidence of any fill material. Isolated metallic drums and some scattered metallic debris are present on the ground surface. One area trending northwest-southeast was interpreted as an area of elevated conductivity. Therefore, a decision was made by the IT Technical Lead and IT Site Manager to trench parallel and perpendicular to the elevated conductivity area to determine 1) if fill material exists and 2) characterize the fill material if present. Fill material was not observed during trenching operations. This variance will not alter the scope or intent of the investigations at Parcel 233(7).

III. Applicable Document/Work Plan: (by the person identifying the change)

FINAL SITE-SPECIFIC FIELD SAMPLING PLAN, FILL AREA WEST OF RANGE 19, PARCEL 233(7), DECEMBER 1998.
ENGINEERING EVALUATION / COST ANALYSIS FILL AREA DEFINITION WORK PLAN, PARCELS 78(6), 79(6), 80(6), 81(5), 175(5), 230(7), 227(7), 229(7), 126(7), 231(7), 233(7) AND 82(7)

Distribution List:

1. Jeanne Yacoub, IT Project Manager
2. Steve Moran, IT Technical Lead
3. Jeffrey Tarr, IT Site Manager
4. Randy McBride, IT QA Officer
5. Mr. Ellis Pope, US Army Corps of Engineers
6. Mr. Ross McCollum, US Army Corps of Engineers

- Signatures -

Requested by: Jeffrey Tarr, PG - IT Site Manager 1-30-2001

Date

Approved by: *Raymond H. H. H.* 2/13/01

Date

Project Manager Approval: *Jeanne Yacoub* 2/2/01

Date

QA Approval: *Randy L. McBride* 2/9/01

Date



INTERNATIONAL
TECHNOLOGY
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Variance No: FILLAREAPARCEL233JAN01.VR1

Linked w/NC No: X

Date of Issue: 01/29/01

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Project Name: **Fort McClellan – CK09**

Project Number: 796886.01030300

-Variance Report -

I. Description: (by the person identifying the change)

The Site Investigation (SI) for the Fill Area West of Iron Mountain Road, Parcel 233(7) proposed soil boring PPMP-233-GP05 in the central area of the parcel. Soil boring PPMP-233-GP05 was proposed at that location to determine the presence or absence of contamination. The Engineering Evaluation / Cost Analysis (EECA) Fill Area Definition Work Plan proposed soil boring FA-233-SB01 at the same approximate location. Soil boring FA-233-SB01 was proposed to characterize the fill material at the parcel. A decision was made to eliminate soil boring FA-233-SB01 during the EECA field investigation and collect additional soil samples during the field investigation conducted during the SI from soil boring PPMP-233-GP05.

Identified by: Jeffrey Tarr, PG – IT Site Manager

Date: 11-03-00

II. Justification for Variance:

The Fill Area West of Iron Mountain Road, Parcel 233(7) EECA Work Plan proposed soil boring location FA-233-SB01 in the central area of the parcel to characterize fill material. The SI Work Plan proposed sample location PPMP-233-GP05 at the same approximate location. Identical laboratory analytical methods were proposed for both soil borings. However, nitroexplosives were included in the analytical methods for soil boring FA-233-SB01, but not for soil boring PPMP-233-GP05. Therefore, the IT Site Manager made a decision to collect additional soil during drilling and sampling activities at soil boring location PPMP-233-GP05 and nitroexplosives were added to the laboratory analysis. Soil boring FA-233-SB01 was not advanced because soil samples were collected from soil boring PPMP-233-GP05. This variance will not alter the scope or intent of the investigations at the Fill Area West of Iron Mountain Road.

III. Applicable Document/Work Plan: (by the person identifying the change)

FINAL SITE-SPECIFIC FIELD SAMPLING PLAN, FILL AREA WEST OF RANGE 19, PARCEL 233(7), DECEMBER 1998.
FINAL ENGINEERING EVALUATION \ COST ANALYSIS FILL AREA DEFINITION WORK PLAN, PARCELS 78(6), 79(6), 80(6), 81(5), 175(5), 230(7), 227(7), 229(7), 126(7), 231(7), 233(7) and 82(7).

Distribution List:

1. Jeanne Yacoub, IT Project Manager
2. Steve Moran, IT Technical Lead
3. Jeffrey Tarr, IT Site Manager
4. Randy McBride, IT QA Officer
5. Mr. Ellis Pope, US Army Corps of Engineers
6. Mr. Ross McCollum, US Army Corps of Engineers

- Signatures -

Requested by: Jeffrey Tarr, PG - IT Site Manager 1-30-01
Date

Approved by: *Dayton Hoke* 2/13/01
Date

Project Manager Approval: *Jeanne Yacoub* 2/2/01
Date

QA Approval: *Randy L. McBride* 2/9/01
Date



INTERNATIONAL
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Variance No: FILLAREAPARCEL233JAN01.VR2
Linked w/NC No: X
Date of Issue: 01/29/01

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Project Name: **Fort McClellan – CK05**

Project Number: 774645.15020300

-Variance Report -

I. Description: (by the person identifying the change)

Fill Area West of Iron Mountain Road and Range 19, Parcel 233(7)

The Final Site-Specific Field Sampling Plan (FSSFSP) proposed four groundwater samples for chemical analysis. Groundwater samples were not collected from three of the four monitoring wells installed at the site. Groundwater samples were not collected from monitoring wells PPMP-233-GP03, PPMP-233-GP05 and PPMP-233-GP06.

Identified by: Jeffrey Tarr, PG – IT Site Manager

Date: 11-03-00

II. Justification for Variance:

The FSSFSP proposed four groundwater samples for chemical analysis. During drilling and monitoring well installation activities, hollow-stem auger refusal was encountered at proposed monitoring well locations PPMP-233-GP03 and PPMP-233-GP05 and competent bedrock was encountered at proposed monitoring well location PPMP-233-GP06. Groundwater was encountered at each of the three well locations during drilling activities. During groundwater sampling activities, groundwater was not present. Several attempts have been made to collect a groundwater sample from each well, but all attempts have been unsuccessful because the three wells are dry.

III. Applicable Document/Work Plan: (by the person identifying the change)

FINAL SITE-SPECIFIC FIELD SAMPLING PLAN, FILL AREA WEST OF RANGE 19, PARCEL 233(7), DECEMBER 1998.

Distribution List:

1. Jeanne Yacoub, IT Project Manager
2. Steve Moran, IT Technical Lead
3. Jeffrey Tarr, IT Site Manager
4. Randy McBride, IT QA Officer
5. Mr. Ellis Pope, US Army Corps of Engineers
6. Mr. Ross McCollum, US Army Corps of Engineers

- Signatures -

Requested by: Jeffrey Tarr, PG - IT Site Manager 1-30-2001
Date

Approved by: *Darpa Hite* 2/13/01
Date

Project Manager Approval: *Jeanne Yacoub* 2/2/01
Date

QA Approval: *Randy L. McBride* 2/9/01
Date